

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application Number	09/617,083
		Filing Date	07/14/2000
		First Named Inventor	Jin-Meng Ho et al.
		Group Art Unit	2661
		Examiner Name	Steven Blount
Total Number of Pages in this Submission	9 plus references	Attorney Docket Number	2000-0397

## Enclosures (check all that apply)

- ☒ Fee Transmittal Form  
☐ Fee Attached  
☐ Amendment / Response  
☐ After Final  
☐ Affidavits / Declaration(s)  
☐ Extension of Time Request  
☐ Express Abandonment Request  
☒ Information Disclosure Statement  
☐ Certified Copy of Priority Document(s)  
☐ Response to Missing Parts under 37 CFR 1.52 or 1.53  
☐ Response to Missing Parts/Incomplete Application

- ☐ Assignment & Recordation Cover Sheet  
☐ Drawing(s) & Letter to Official Draftsman  
☐ Licensing-related Papers  
☐ Petition to the Commissioner  
☐ Petition to Convert a Provisional Application  
☐ Power of Attorney, Revocation Change of Correspondence Address  
☐ Terminal Disclaimer  
☐ Request for Refund

- ☐ After Allowance Communication to Group  
☐ Appeal Communications to Board of Appeals and Interferences  
☐ Appeal Communications to Group (Appeal Notice, Brief, Reply Brief)  
☐ Proprietary Information  
☐ Status Letter  
☒ Return Receipt Postcard  
☐ CD, Number of CDs  
☒ Additional enclosure(s) (please identify below)

Copies of 20 cited references

Remarks Reference copies attached:

18 US patent refs

2 non-patent refs

## CORRESPONDENCE ADDRESS

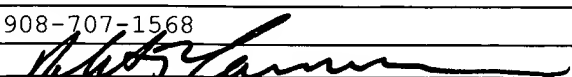
☒ Customer Number or Bar Code Label

Customer Number - 26652

or ☐ Correspondence address below

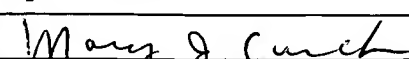
NAME	Samuel H. Dworetsky		
ADDRESS	AT&T CORP., One AT& Way, Room 2A-207		
CITY	Bridgewater	STATE	New Jersey
COUNTRY	United States of America	ZIP CODE	07921
		FAX	908 532 1219

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

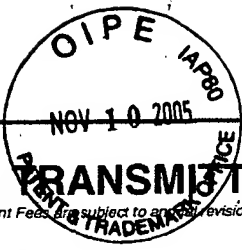
NAME	Robert T. Canavan	Reg. #	37592
TELEPHONE	908-707-1568		
SIGNATURE		DATE	11/08/2005

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage thereon as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: 11/08/2005

Type or Printed Name	Mary J. Curch		
Signature		Date	11/08/2005

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**FEE TRANSMITTAL**

Patent Fees are subject to annual revision.

Complete if Known

Application Number	09/617,083
Filing Date	07/14/2000
First Named Inventor	Jin-Meng Ho
Examiner Name	Steven Blount
Group/Art Unit	2661
Attorney Docket No.	2000-0397

TOTAL AMOUNT OF PAYMENT	180
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## METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number	01-2745
Deposit Account Name	AT&T CORP.

<input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	<input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing Date of the Notice of Allowance
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## FEE CALCULATION

## 1. FILING FEE

Large Fee Code	Entity Fee(\$)	Fee Description	Fee Paid
1001	770	Utility(37CFR 1.53(b)) / CPA(37CFR 1.53(d)) Filing Fee	
1002	340	Design Filing Fee	
1004	770	Reissue Filing Fee	
1005	160	Provisional Filing Fee	

SUBTOTAL (1)

## 2. CLAIMS

<input checked="" type="checkbox"/> Filing Under 37CFR 1.53 (b)
<input type="checkbox"/> CPA Under 37CFR 1.53 (d)
<input type="checkbox"/> Amendment

Extra Claims		Fee from below	Fee Paid
Total 21	- 21 =	0	18
Ind. 3	- 3 =	0	86

Multiple Dependent Claims

Large Fee Code	Entity Fee(\$)	Fee Description
1202	18	Claims in excess of 20
1201	86	Independent Claims in excess of 3
1203	290	Multiple Dependent Claims
1204	86	** Reissue independent claims over original patent
1205	18	** Reissue claims in excess of 20 and over original patent

\*\* or number previously paid, if greater; for Reissues, see above

SUBTOTAL (2)

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Fee Code	Entity Fee(\$)	Fee Description	Fee Paid
1051	130	Surcharge - late filing fee or oath	
1052	50	Surcharge - late provisional filing fee or cover sheet	
1053	130	Non-English specification	
1812	2520	For filing a request for reexamination	
1804*	920	Requesting publication of SIR prior to Examiner action	
1805*	1840	Requesting publication of SIR after Examiner action	
1251	110	Extension for response within first month	
1252	420	Extension for response within second month	
1253	950	Extension for response within third month	
1254	1480	Extension for response within fourth month	
1255	2010	Extension for response within fifth month	
1401	330	Notice of Appeal	
1402	330	Filing a brief in support of an appeal	
1403	290	Request for oral hearing	
1504	300	Publication fee for early, voluntary, or normal publication	
1452	110	Petition to revive - unavoidable	
1453	1330	Petition to revive - unintentional	
1501	1330	Utility issue fee (or reissue)	
1502	480	Design issue fee	
1460	130	Petitions to the Commissioner	
1807	50	Processing fee for provisional applications	
1806	180	Submission of Information Disclosure Statement	180
8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	Request for Continued Examination (RCE)	
1802	900	Request for expedited exam of a design application	

Other fee (specify):

SUBTOTAL(3) 180

## SUBMITTED BY

Typed or Printed Name	John E. Etchells
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Signature

Date

11/8/05

Deposit Account User ID

## Complete (if applicable)

Reg. Number	
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IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

**PATENT APPLICATION**

**Inventor(s):** Jin-Meng Ho, et al.  
**Docket No.:** 2000-0397  
**Application No.:** 09/617,083  
**Filing Date:** 07/14/2000  
**Examiner Name:** Steven Blount  
**Group Art Unit:** 2661  
**Title:** Virtual Streams for QoS-Driven Wireless LANS

**COMMISSIONER FOR PATENTS**  
**P.O. BOX 1450**  
**ALEXANDRIA, VA 22313-1450**

**SIR:**

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08A. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. In accordance with 37 C.F.R. §1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56(b).

- ☐ 1. This information disclosure statement is being filed within three months of the filing date of a national application other than a continued prosecution application under §1.53(d); within three months of the date of the entry of the national stage as set forth in §1.491 in an international application; before the mailing of a first Office action on the merits; or before the mailing of a first Office action after the filing of a request for continued examination under §1.114. No certification or fee is required. (37 C.F.R. §1.97(b)).
- ☒ 2. This information disclosure statement is being filed more than three months after the filing date of a national application other than a continued prosecution application under §1.53(d); more than three months after the date of the entry of the national stage as set forth in §1.491 in an international application, after the mailing date of a first Office action on the merits, or after the mailing of a first Office action after the filing of a request for continued examination under §1.114, but before the mailing date of any of a Final action under §1.113, a Notice of Allowance under §1.311 or an action that otherwise closes prosecution in the application. (37 C.F.R. §1.97(c)).

11/10/2005 CNGUYEN 00000067 012745 09617083

01 FC:1806 180.00 DA

☐ a. I hereby certify that each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement. (37 C.F.R. §1.97 (e)(1)).

☐ b. I hereby certify that no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application and to my knowledge after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this information disclosure statement. (37 C.F.R. §1.97 (e)(2)).

☒ c. Please debit Deposit Account No. 01-2745 in the amount of \$180.00 to cover the fee under 37 C.F.R. §1.17(p) and to ensure consideration of the disclosed information.

☐ 3. This information disclosure statement is being filed after the mailing date of any of a Final action under §1.113, a Notice of Allowance under §1.311, or an action which otherwise closes prosecution, whichever occurs first, but on or before payment of the Issue Fee. (37 C.F.R. §1.97(d)).

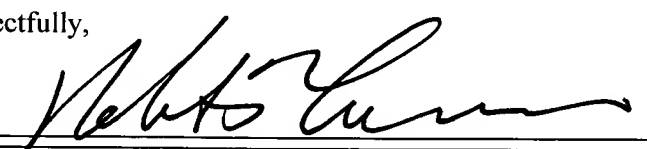
☐ a. I hereby certify that each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement. (37 C.F.R. §1.97(e)(1)).

☐ b. I hereby certify that no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of this information disclosure statement. (37 C.F.R. §1.97(e)(2)).

☐ c. Please debit Deposit Account No. 01-2745 in the amount of \$180.00 to cover the fee under 37 C.F.R. §1.17(p) and ensure consideration of the disclosed information.

Date: 11/8/05  
AT&T CORP.  
One AT&T Way  
Bedminster, New Jersey 07921

Respectfully,

By: 

Robert T. Canavan, Attorney
Reg. No.: 37592
T: 908 707-1568
F: 908 707-1574

Substitute for form 1449A/PTO

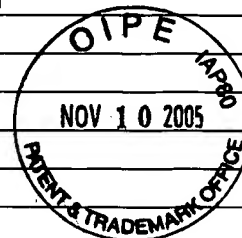
**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 4

**Complete if Known**

Application Number 09/617,083  
 Filing Date 07/14/2000  
 First Named Inventor Jin-Meng Ho, et al.  
 Group Art Unit 2661  
 Examiner Name Steven Blount  
 Attorney Docket Number 2000-0397

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	AA	6,366,577	B1	Steven R. Donovan	04-02-2002	
	AB	5,638,371		Dipankar Raychaudhuri, et al.	06-10-1997	
	AC	6,728,365	B1	Xiao-Dong Li, et al.	04-27-2004	
	AD	6,738,361	B1	Jukka Immonen, et al.	05-18-2004	
	AE	6,628,629	B1	Jacob W. Jorgensen	09-30-2003	
	AF	6,411,611	B1	Roland van der Tuijn	06-25-2002	
	AG	6,741,576	B1	Raphael Alimi, et al.	05-25-2004	
	AH	6,747,968	B1	Jukka Seppala, et al.	06-08-2004	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
		Office <sup>3</sup>	Number (if known)	Kind Code <sup>2</sup>				
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Examiner Signature					Date Considered			

\*EXAMINER: Initial if referenced considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents <sup>3</sup>Enter Office that issued the document, by the two letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 4

**Complete if Known**

Application Number	09/617,083
Filing Date	07/14/2000
First Named Inventor	Jin-Meng Ho, et al.
Group Art Unit	2661
Examiner Name	Steven Blount
Attorney Docket Number	2000-0397

**U.S. PATENT DOCUMENTS**

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		Number	Kind Code <sup>2</sup> (if known)			
	AI	6,785,252	B1	Ofer Zimmerman, et al.	08-31-2004	
	AJ	6,119,214		Patrick W. Penzias Dirks	09-12-2000	
	AK	6,765,872	B1	Yuji Tazaki	07-20-2004	
	AL	6,704,321	B1	Satoshi Kamiya	03-09-2004	
	AM	6,563,793	B1	Michael E. Golden, et al.	05-13-2003	
	AN	6,587,453	B1	Christopher Gwyn Romans, et al.	07-01-2003	
	AO	6,704,932	B1	Yasuhiko Matsunaga, et al.	03-09-2004	
	AP	6,754,176	B1	Rajugopal R. Gubbi, et al.	06-22-2004	

**FOREIGN PATENT DOCUMENTS**

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		Office <sup>3</sup>	Number (if known)	Kind Code <sup>2</sup>				
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Examiner Signature					Date Considered			

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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 3 of 4

**Complete if Known**

Application Number	09/617,083
Filing Date	07/14/2000
First Named Inventor	Jin-Meng Ho, et al.
Group Art Unit	2661
Examiner Name	Steven Blount
Attorney Docket Number	2000-0397

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		Number	Kind Code <sup>2</sup> (if known)			
	AQ	6,788,950	B1	Ali Raissinia, et al.	09-07-2004	
	AR	6,640,248	B1	Jacob W. Jorgensen	10-28-2003	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number (if known)	Kind Code <sup>2</sup>				
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Examiner  
SignatureDate  
Considered

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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		Application Number	09/617,083
		Filing Date	07/14/2000
		First Named Inventor	Jin-Meng Ho
		Group Art Unit	2661
		Examiner Name	Steven Blount
Sheet	4	of	4
		Attorney Docket Number	2000-0397

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AS	YAVATHAR, et al., "ABM (Subnet Bandwidth Manager)", RFC 2814, May 2000, www.ietf.org.	<input type="checkbox"/>
	AT	BRADEN, et al., "Resource Reservation Protocol(RSVP)", RFC 2205, September, 1997, www.ietf.org	<input type="checkbox"/>
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Examiner Signature		Date Considered	
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<sup>1</sup> Unique citation designation number <sup>2</sup> Applicant is to place a check mark here if English language translation is attached.

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